Power to explore

Your entry into the full-frame world

you can

Canon

EOS 6D

Your entry into the full-frame world

Take your photography to a new level with full-frame image quality, stunning low-light performance and a tough compact body that's perfect for travel.

20.2 MEGA PIXELS CMOS

20.2-megapixel, full-frame sensor

The EOS 6D's 24 x 36 mm sensor is virtually the same size as 35 mm film and delivers superb image quality. Wide-angle lenses can be used to their true potential, and photographers can enjoy tight control over depth of field and phenomenal low-light performance.

FULL FRAME CMOS

Compact robust design

Shoot full-frame photography everywhere you go, with a camera that is lightweight, robust and compact in size.

Weather sealed against dust and moisture, the EOS 6D's controls fall easily under your fingers as you hold the camera, enabling intuitive operation even when the camera is at your eye. Compose and shoot with a camera that you'll love using from the moment you pick it up.

GPS

The ideal travel companion

Built-in GPS technology* determines your location and embeds it into each image file's metadata. Such 'geotags' can be recalled in camera or on computer, using Canon's Map utility.

Wi-Fi connectivity† lets you control the EOS 6D using the EOS Remote app on your smartphone††. Your phone can also be used to review pictures before sharing them with friends and family on-line.

Tv (Shutter Speed): 1/1250 sec
Av (Aperture Value): f/8.0
ISO Speed: 500
Lens: EF 70-300mm f/4-5.6 IS USM
Focal length: 75.0mm
Latitude: 63,29.884N
Longitude: 19,28.654W
Dramatic late afternoon landscape near Þjóðvegur, Iceland.

* GPS use may be restricted in certain countries or regions. Use of GPS should comply with the laws and regulations of the country and area in which it is being operated including any restriction on the use of electronics.
† Wi-Fi support varies by device and region.
†† Available for Apple iPhone (iOS5 and above) and Android (2.3.3 and above) smartphones.

A full-frame DSLR like the EOS 6D is the perfect companion for the landscape photographer. Lightweight, compact and robust, its full-frame sensor captures remarkable detail in the world around you.

Full frame for landscapes

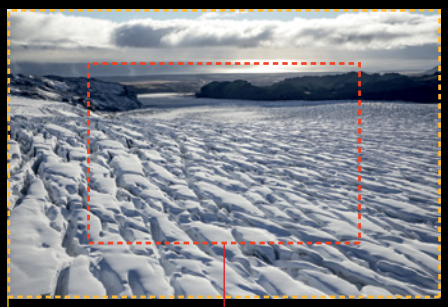
Tv (Shutter Speed): 3.2 sec
Av (Aperture Value): f/4.5
ISO Speed: 640
Lens: EF 24-70mm f/2.8L II USM
Focal length: 24.0mm
Latitude: 64,2.8999N
Longitude: 16,10.8699W
Icebergs floating in Jökulsárlón glacial lake at night, illuminated by the headlamp beams of a 4x4 vehicle. Vatnajökull National Park, Iceland.

EF 24-70mm f/4L IS USM

EF 24mm f/2.8 IS USM

EF 17-40mm f/4L USM

EF Lenses



Full frame sensor *APS-C size sensor*

Shot on EF 24-70mm f/2.8L II USM

Take a wider view

With the EOS 6D, lenses offer a wider angle of view than they do on DSLRs containing an APS-C sized sensor – great news for landscapers who want to take a broader view of the world.

Lenses like the versatile EF 24-70mm f/4L IS USM are perfect for travel photography, offering wide-angle, standard and short telephoto perspectives in a single unit, complete with Image Stabilizer technology to help when light levels get low.

If scenic photography is a speciality, the EF 17-40mm f/4L USM offers a variety of ultrawide-angle viewpoints while wide-angle prime lenses, like the EF 24mm f/2.8 IS USM, are a lightweight alternative and offer superb image quality.

DiGiC 5+

See every detail

The EOS 6D delivers photography of superlative quality. Its large 20.2-megapixel sensor captures images that are full of presence and rich in detail. From the bold colours of a bustling street market, to the subtle tones and gradations of sunrise, the 14-bit electronics and DIGIC 5+ image processor at the centre of the EOS 6D will ensure a vibrant yet natural result.

Wi-Fi connectivity and remote control

Leave the cables at home: the EOS 6D's integrated Wi-Fi enables wireless transfer of images from camera to computer at the end of a day's shooting – or any time you want to share picture files with friends or colleagues. Transfer JPEG files between compatible cameras, upload to remote web services and even print to Wi-Fi enabled printers.

Wi-Fi can also be used to remotely control your EOS 6D from a PC or Mac running EOS Utility software or from a smartphone[††] using the free EOS Remote app. Shoot, focus, compose, see live view and set exposure remotely, exploring hard-to-access vantage points for new creative possibilities.

Built for the outdoor life

The EOS 6D is a camera that was born to travel. Capture images of the natural world in sparkling detail, and take advantage of innovative features, like GPS* and Wi-Fi† connectivity.

Tv (Shutter Speed): 1/160 sec
Av (Aperture Value): f/8.0
ISO Speed: 400
Lens: EF 70-200mm f/2.8L IS II USM
Focal length: 140.0mm
Latitude: 64,0.8998N
Longitude: 16,22.5603W
A front of the Breiðamerkurjökull glacier, where fragments of ice splinter off to form icebergs that are eventually washed out to sea. Vatnajökull National Park, Iceland.

GPS

GPS logging and geotagging

Built-in GPS technology determines your location anywhere in the world and tags each JPEG and RAW file with this information. Longitude, latitude, elevation and coordinated universal time are all recorded.

Relive your journey at home by identifying your favourite locations with Canon's Map Utility, or use embedded coordinates to find scenes again in the future.

With GPS Logger enabled the EOS 6D records your location at specific intervals, even when the camera is not being used or is switched off.

* GPS use may be restricted in certain countries or regions. Use of GPS should comply with the laws and regulations of the country and area in which it is being operated including any restriction on the use of electronics.
† Wi-Fi support varies by device and region.
†† Available for Apple iPhone (iOS5 and above) and Android (2.3.3 and above) smartphones.

Great portraiture shows something of a subject's personality in a photograph. The EOS 6D empowers photographers to do this, combining flexibility with superb image quality, and bringing your creative visions to life.

Full frame for portraiture

Capture the ambience, wherever you are

Photographing people in their environment speaks volumes about who they are and what they do. The EOS 6D's flexible ISO sensitivity range helps to keep you shooting handheld and without flash even in the most demanding locations when light levels get low.

Have the confidence to shoot at high ISO sensitivities, using the natural light around you, safe in the knowledge that the full-frame CMOS sensor and DIGIC 5+ processor will keep digital noise levels to a minimum.

An expanded ISO 50 setting allows wide apertures to be used in bright light for shallow-focus effects without fear of overexposure.

The compact design of the EOS 6D makes it ideal for spontaneous portraiture as part of street-photography projects or reportage.

Advanced depth-of-field control

Using lenses of the same angle of view, and identical aperture settings, full-frame cameras produce images with shallower depth of field than DSLRs with APS-C sized sensors. This makes it easier to photograph a pin-sharp subject against a soft, out-of-focus background, and a great way to shoot powerful portraits.

By combining an EOS 6D with wide aperture lenses, like the EF 85mm f/1.2L II USM or EF 100mm f/2 USM, it's possible to restrict focus to the eyes of your subject, letting the rest of their face fall gently out of focus for high-impact image that will really impress. Or why not try the EF 24-70mm f/4L IS USM? A lens that is versatile enough for environmental portraits and close-ups while still offering depth-of-field control and outstanding image quality.

Natural skin tones

Working in tandem with the EOS 6D's full-frame CMOS sensor is a powerful DIGIC 5+ image processor, which turns sensor data into JPEG and RAW image files. Skin tones are reproduced accurately and subtle gradations of tone are preserved.

Tv (Shutter Speed): 1/640 sec

Av (Aperture Value): f/8.0

ISO Speed: 200

Lens: EF 70-200mm f/2.8L II USM + Extender EF 2x III

Focal length: 140.00mm

Latitude: 64,1.7113N

Longitude: 16,18.8542W

Portrait shot with low-angle winter sunlight, diffused through the mist near Breiðamerkurjökull glacier in Vatnajökull National Park, Iceland.

Tv (Shutter Speed): 1/40 sec
Av (Aperture Value): f/16.0
ISO Speed: 800
Lens: EF 50mm f/1.4 USM
Focal length: 50.0mm
Latitude: 64,2.5732N
Longitude: 16,10.6911W

Icebergs from the glacial lagoon photographed at sunset. Such ice flows find their way on to the Breiðamerkurfjara beach in the Vatnajökull National Park after being washed out to sea from glacial melt-water lagoons.

Full frame for low-light photography

The EOS 6D thrives in low light, allowing you to keep shooting hand held and flash free, capturing the atmosphere of an occasion with ambient light for a result that is full of character.

Image shot at ISO 6400

Low noise CMOS sensor for high ISO shooting

Canon controls every aspect of sensor production, from conception to design to manufacture. The full-frame CMOS sensor in the EOS 6D features larger pixels than are found typically in APS-C sized sensors, resulting in lower levels of digital noise.

Each of the 20.2 million pixels on the surface of the sensor is covered by an individual microlens that focuses light into it, boosting sensitivity.

The gapless nature of this array of microlenses ensures light is collected from more of the sensor's surface, improving efficiency and boosting low-light performance.

The design of the CMOS sensor and use of Canon's powerful DIGIC 5+ processor enables the EOS 6D to operate with an ISO sensitivity range of ISO 100-25,600. This is further expandable to ISO 50-102,400 for the most demanding of occasions.

11-point AF

Ultrasensitive autofocus

The EOS 6D features an autofocus system comprising 11 focus points spread out in a diamond pattern across the frame. The central, cross-type focus point is sensitive to both horizontal and vertical lines and features extra sensitivity towards vertical lines when used with lenses having maximum apertures of f/2.8 and wider.

The camera locks on quickly and confidently to both moving and static subjects alike, and is responsive even at light levels as low as -3EV (centre AF point only): that's sensitive enough to operate under moonlight.

*Sensitive down to **-3EV***

From its powerful autofocus and exposure metering systems to the intuitive controls and design that will make you want to keep shooting, the EOS 6D is designed for those who are passionate about their photography.

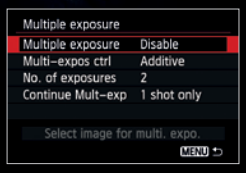
Engineered for performance

63 ZONE
Dual-Layer Metering

63-zone iFCL exposure metering

Each time you compose a photograph the EOS 6D analyses the scene too. The frame is dissected into 63 zones and each is analysed for brightness and colour. This information is combined with data from the camera's AF system and the most accurate and appropriate combination of aperture and shutter speed is calculated.

Also available are centre-weighted, partial (8%) and spot (3.5%) metering patterns, which enable photographers to measure light selectively from just part of the picture.



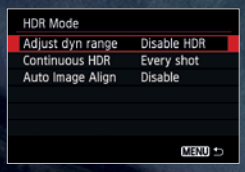
Multiple Exposure

Built-in multiple exposure

Get creative with in-camera multiple-exposure photography. Simply tell the EOS 6D how many frames you wish to superimpose then get shooting. The individual images will be combined as they are shot and the result saved as a new JPEG file.

You can check the progress of the multiple exposure as you go along, and even use a pre-existing image as a starting point. Exposure can be averaged automatically as images are captured, or combined in the same way that multiple exposures are shot on film, with manual adjustment of exposure compensation required.

HDR
High Dynamic Range



Wide dynamic range and HDR

Extremes of light and dark in the same scene can be hard to handle, but the EOS 6D's wide dynamic range means that detail is preserved in both shadow and highlight areas, for a more natural result. The camera's Highlight Tone Priority feature preserves detail in highlights and Canon's Auto Lighting Optimizer technology optimizes the balance between light and dark areas for a more natural result.

Built in High Dynamic Range (HDR) mode helps tackle very high-contrast situations. The EOS 6D shoots three frames sequentially at different exposures and blends these together in camera, producing a natural result.

Flexible exposure control

Up to ±5 stops of exposure compensation can be applied using the Multi Control Dial on the rear of the EOS 6D. With auto exposure bracketing (AEB) up to seven frames can be captured automatically with a spread of up to ±3 stops of exposure compensation – a good approach when shooting under difficult lighting conditions, or when component frames are being captured for HDR combination on your PC or Mac.

Tv (Shutter Speed): 1/800 sec
Av (Aperture Value): f/4.0
ISO Speed: 1600
Lens: EF 70-300mm f/4-5.6L IS USM
Focal length: 70.0mm
Latitude: 63,54.0676N
Longitude: 16,27.7712W

Aerial view of two streams of glacial melt water running together before flowing into the ocean. Vatnajökull National Park, Iceland.

Tv (Shutter Speed): 1/160 sec
Av (Aperture Value): f/5.6
ISO Speed: 1600
Lens: EF 70-200mm f/2.8L IS II USM + Extender 1.4x III
Focal length: 98.0mm
Latitude: 63,49.0906N
Longitude: 16,56.7363W

Glacial melt water flows across volcanic sand in Vatnajökull National Park, Iceland.

Ergonomic design

Approx. 97% Viewfinder

3:2 WIDE 7.7cm / 3.0" LCD ClearView

Large bright viewfinder

The large, bright viewfinder of the EOS 6D is typical of full-frame DSLRs. The active focusing point is shown over the top of the subject and exposure and camera status details are displayed at the bottom of the viewfinder. A combination that's informative without being distracting – an ideal balance that lets you interact with your subject intuitively.

7.7cm (3.0") Clear View TFT screen

Compose and review images and navigate the EOS 6D's menu system using a 7.7cm Clear View TFT screen comprising 1,040,000 dots. Enjoy 100 per cent coverage, high resolution and superb colour reproduction even from the most difficult angles of view.

Instinctive customisable controls

Two custom shooting modes that can be configured independently for instant recall of camera settings. A suite of custom functions provides control over almost every aspect of the camera's behaviour.

The EOS 6D will be familiar to any EOS user, thanks to its familiar and instinctive control layout. A locking mode dial sits next to the main power switch. Buttons for AF, spot metering, depth-of-field preview are easy to find even with the camera at your eye.

Robust, portable design

Despite its full-frame specification, the EOS 6D remains compact and portable, making it the perfect travel companion. And it's tough too, with a hybrid magnesium-alloy composite body and weatherproof sealing against dust and moisture.

A large bright viewfinder, typical of full-frame cameras, makes composing photographs natural and intuitive.

EOS 5D Mark III

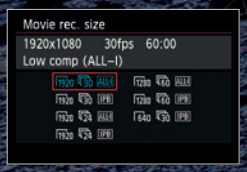
EOS 6D

1. Locking mode dial
2. Live View shooting/Movie shooting switch, Start/Stop button
3. AF start button
4. AE lock button
5. AF point selection button
6. Magnify/reduce button
7. Quick Control Button
8. Playback button
9. Multi-control dial
10. Erase button
11. Multi-function lock switch

Be as creative with video as you are with still photography. The EOS 6D can capture Full-HD movies in stunning quality and offers enough manual control that your creativity will only be limited by your imagination.

EOS Movies

EOS Movie
FULL HD



A more creative approach to video

The EOS 6D captures video at 1080p resolution and offers a level of creative control that is difficult to achieve with conventional camcorders. Achieve cinematic shallow-focus effects by using large aperture lenses, or take advantage of specialist optics, like macro or perspective control lenses for a truly alternative viewpoint.

Conforming to film-industry standards

Canon EOS DSLRs have revolutionised the world of video, and now the EOS 6D offers an extra level of film-industry specification.

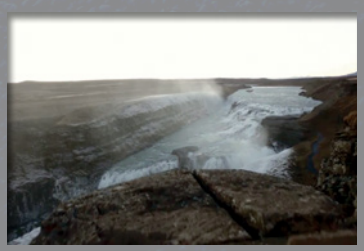
Files are recorded as .mov files using the H.264/MPEG-4 AVC codec. A choice of compression techniques is now available. The interframe IPB standard reduces file sizes by describing only what has changed between frames, referencing previous and successive frames in order to do so. It's an ideal technology for longer-length clips, File sizes are small, for easy streaming and portable viewing.

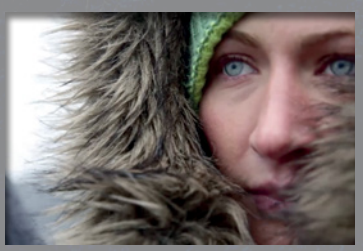
Also available is intrafame ALL-I compression, which treats each frame discretely and does not reference other frames when reducing file sizes. This preserves image quality when editing footage, and is an ideal approach for broadcast-quality applications and video production.

The EOS 6D also records time-code information in the hr:min:sec:frame format, laid down by the Society of Picture and Television Engineers, This helps synchronise footage taken from different angles, or even with different cameras, during the editing process.

Access the QR code with your mobile device to view the EOS 6D sample video

canon.co.uk/EOS6D





Creative control

Enjoy complete freedom of choice of frame rate and shutter speed, so moving objects appear how you want them to. When shooting at 24, 25 or 30 fps, shutter speeds of 1/4000–1/30 sec are available; or 1/4000–1/60 sec at 50 or 60 fps.

Select ISO sensitivities from ISO 100 to 12,800 (expandable to ISO 25,600) and make use of apertures as wide as f/1.2, with selected EF lenses.

Audio

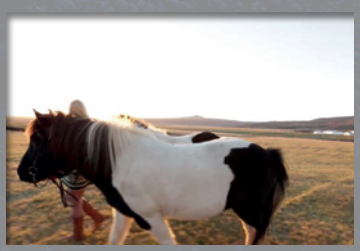
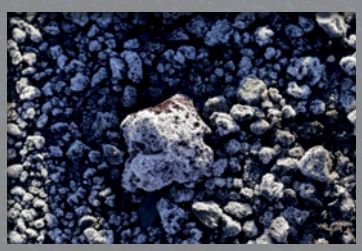
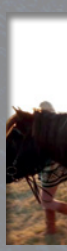
Produce a soundtrack that does justice to your pictures. The EOS 6D features a connection for an external microphone for recording 16-bit digital stereo sound at 48 KHz. A built in monaural microphone is also available.

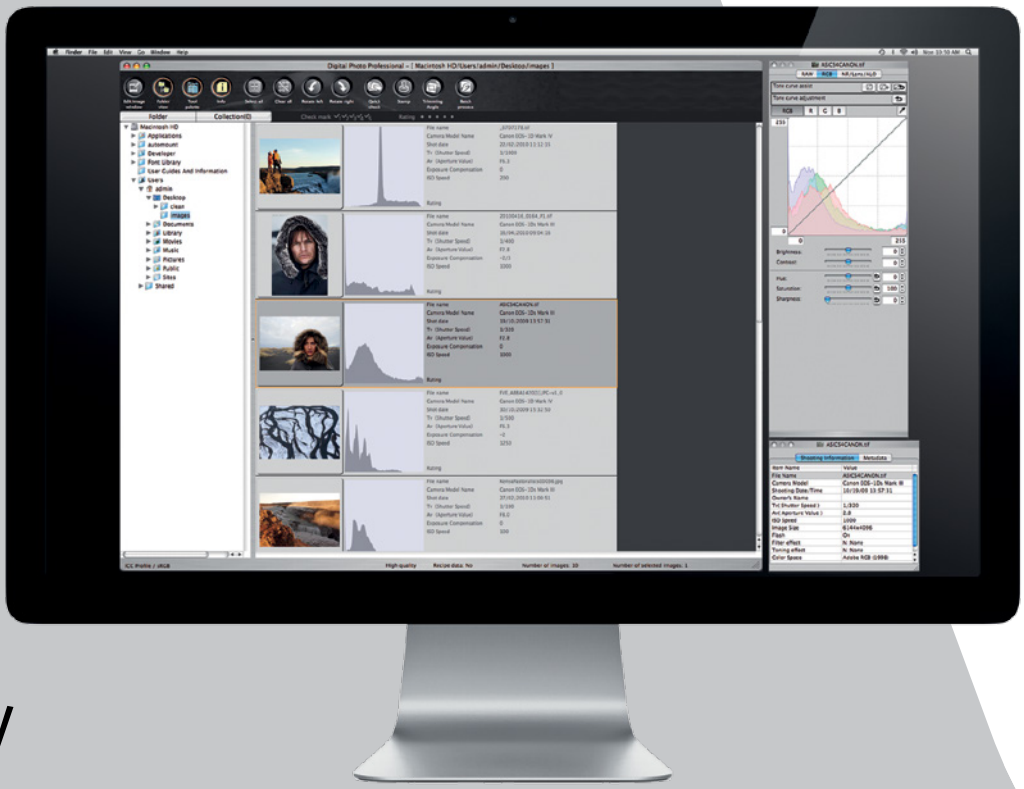
Recording level can be set automatically or manually on a 64-level scale. The standard 3.5mm microphone socket accepts virtually all electret condenser microphones.

Movies that look good straight from the camera

Create more dynamic movie footage with Video Snapshot. Shoot an album of short video segments, from 2 to 8 sec in length, edit them, and play them back together in one movie file. It's easy and gives your movies a more professional look and feel, with more pace and excitement.

During movie playback a clip can be trimmed in-camera in 1 sec increments from the beginning or end. The edited clip can either be saved as a new file or as a replacement for the original footage.



Digital Photo Professional

Workflow and system

EOS Solutions

Also supplied with the EOS 6D is an EOS Solution disk, which contains applications that further enhance the performance and functionality of the camera. EOS Utility provides shooting support and remote camera control over USB and Wi-Fi. Picture Style editor enables photographers to create custom Picture Style presets. ImageBrowser EX offers simple download and image browsing, whilst the Canon Digital Photo Professional enables editing and processing of RAW and JPEG files.

Map Utility allows the location of geotagged images to be plotted on screen, and GPS logs to be viewed and applied to images taken at the same time.

RAW processing with Digital Photo Professional

Digital Photo Professional (DPP) is an image-editing application designed for the viewing and processing of JPEG and RAW images. It is supplied with every EOS camera.

White balance, colour saturation and exposure compensation of RAW files can all be set after capture, as part of a non-destructive workflow. Any traces of vignetting, distortion and colour fringing are also easily corrected, and a stamp tool allows small dust spots to be removed from images. High dynamic range (HDR) images can be generated in DPP from RAW or JPEG files shot at different exposures. A number of tone-mapping presets are supplied, enabling you to create the right look for your subject matter. Single frames can also be combined to form multiple-exposure composites.

Digital Lens Optimizer

Any small traces of vignetting, distortion and colour fringing are easily corrected with DPP's Digital Lens Optimizer. This groundbreaking feature also improves resolution, applying unique lens profiles to images to boost sharpness and overcome the physical effects of diffraction and the camera's low-pass filter. Images can be cropped and rotated before they are saved to one of many file formats, either for output, archive or further editing in an application like Adobe Photoshop. Batch processing is available for extra speed and efficiency.

Canon provides a complete photographic workflow, from image capture, through processing to output.

Picture Style Editor

Image Browser EX

Printing and output

Create gallery-quality prints with a Canon PIXMA printer. Enjoy accurate, vibrant colour and images up to A3+ in size: perfect for everything from portfolio material to exhibition prints.

The PIXMA PRO-10 offers10-ink printing, including three monochrome inks for exceptional, saleable, gallery-quality colour and mono prints up to A3+. With Chroma Optimizer's clear ink providing amazing colour gamut and deep blacks, the PRO-10 offers flexible media choice, enhanced connectivity and professional print plug-in for outstanding workflow.

For larger printing requirements there is Canon's imagePROGRAF range of large-format printers. Create stunning images at sizes up to 60-inches wide. Exhibition-standard prints are delivered quickly and consistently; a poster size print is complete in under four minutes. Borderless printing to the edges of the paper is simple to configure, and the use of non-Canon media is simple with the bundled media configuration tool.

PIXMA PRO-10

iPF6450

Specifications: EOS 6D

IMAGE SENSOR	
Type	36 x 24 mm CMOS
Effective Pixels	Approx. 20.2 megapixels
Total Pixels	Approx. 20.6 megapixels
Aspect Ratio	3:2
Low-Pass Filter	Built-in/Fixed with fluorine coating
Sensor Cleaning	EOS integrated cleaning system
Colour Filter Type	Primary Colour
IMAGE PROCESSOR	
Type	DIGIC 5+
LENS	
Lens Mount	EF (excludes EF-S lenses)
Focal Length	Equivalent to 1.0x the focal length of the lens
FOCUSING	
Type	TTL-CT-SIR with a dedicated CMOS sensor
AF System/ Points	11 points (f/5.6 cross type at centre, extra sensitivity at f/2.8)
AF working range	EV -3 - 18 (at 23ºC & ISO100)
AF Modes	AI Focus, One Shot, AI Servo
AF Point Selection	Automatic selection Manual selection AF points can be selected separately for vertical and horizontal shooting
Selected AF point display	Superimposed in viewfinder and indicated on top LCD panel and Quick Control screen
AF Lock	Locked when shutter button is pressed half way in One Shot AF mode or AF-ON button is pressed.
AF Assist Beam	Emitted by an optional dedicated Speedlite
Manual Focus	Selected on lens
AF Microadjustment	C.Fn II-9 +/- 20 steps (wide and tele setting for zooms) Adjust all lenses by same amount Adjust up to 40 lenses individually Adjustments remembered for lens by serial number
EXPOSURE CONTROL	
Metering modes	TTL full aperture metering with 63 zone Dual Layer SPC (1) Evaluative metering (linked to All AF point) (2) Partial metering (approx. 8% of viewfinder at centre) (3) Spot metering (approx. 3.5% viewfinder at centre) (4) Centre weighted average metering
Metering Range	EV 1 - 20 (at 23ºC with 50mm f/1.4 lens ISO100)
AE Lock	Auto: In 1-shot AF mode with evaluative metering exposure is locked when focus is achieved. Manual: By AE lock button in creative zone modes.
Exposure Compensation	+/-5 EV in 1/3 or 1/2 stop increments (can be combined with AEB).
AEB	2, 3, 5 or 7 Shots +/-3 EV 1/3 or 1/2 stop increments
ISO Sensitivity [8]	Auto (100-25600), 100-25600 (in 1/3-stop or whole stop increments) ISO can be expanded to L: 50, H1: 51200, H2: 102400 During Movie shooting: Auto (100-12800), 100-12800 (in 1/3-stop or whole stop increments) ISO can be expanded to H: 25600
SHUTTER	
Type	Electronically-controlled focal-plane shutter
Speed	30-1/4000 sec (1/2 or 1/3 stop increments), Bulb (Total shutter speed range. Available range varies by shooting mode)
WHITE BALANCE	
Type	Auto white balance with the imaging sensor AWB, Daylight, Shade, Cloudy, Tungsten, White Fluorescent light, Flash, Custom, Colour Temperature Setting.
Settings	White balance compensation: 1. Blue/Amber +/-9 2. Magenta/ Green +/-9.
Custom White Balance	Yes, 1 setting can be registered
WB Bracketing	+/-3 levels in single level increments 3 bracketed images per shutter release. Selectable Blue/Amber bias or Magenta/ Green bias.
VIEWFINDER	
Type	Pentaprism
Coverage	Approx. 97%
(Vertical/Horizontal) Magnification	Approx. 0.71x [4]
Eyepoint	Approx. 21 mm (from eyepiece lens centre)
Dioptre Correction	-3 to +1 m^{-1} (dioptre)
Focusing Screen	Interchangeable (3 types, optional). Standard Focusing Screen Precision Matte Eg-A II
Mirror	Quick-return half mirror (Transmission: reflection ratio of 40:60, no mirror cut-off with EF600mm f/4 or shorter)
Viewfinder Information	AF information: AF points, focus confirmation light. Exposure information: Shutter speed, aperture value, ISO speed (always displayed), AE lock, exposure level/compensation, spot metering circle, exposure warning, AEB. Flash information: Flash ready, high-speed sync, FE lock, flash exposure compensation. Image information: Highlight tone priority (D+), maximum burst (2-digit display), card information, Battery check: Composition information, Electronic level Warning symbol: Displayed if any of the following is set: Monochrome, white balance correction, expanded ISO speed, or spot metering.
Depth of field preview	Yes, with Depth of Field preview button.
Eyepiece shutter	On strap

LCD MONITOR	
Type	7.7cm (3.2") Clear View TFT, approx. 1040K dots1040K dots
Coverage	Approx. 100%
Viewing Angle (horizontally/vertically)	Approx. 170º
Coating	Dual Anti-reflection
Brightness Adjustment	Adjustable to one of seven levels
Display Options	(1) Quick Control Screen (2) Camera settings (3) Electronic Level
FLASH	
Modes	E-TTL II Auto Flash, Metered Manual
X-sync	1/180sec
Flash Exposure Compensation	+/- 3EV in 1/2 or 1/3 increments
Flash Exposure Bracketing	Yes, with compatible External Flash
Flash Exposure Lock	Yes
Second Curtain Synchronisation	Yes
HotShoe/ PC terminal	Yes/No
External Flash Compatibility	E-TTL II with EX series Speedlites, wireless multi-flash support (with optional accessory)
External Flash Control	via camera menu screen
SHOOTING	
Modes	Scene Intelligent Auto, No Flash, Creative Auto, Portrait, Landscape, Close-up, Sports, Night Portrait, Handheld Night Scene, HDR Backlight Control, Program AE , Shutter priority AE, Aperture priority AE, Manual
Picture Styles	Auto, Standard, Portrait, Landscape, Neutral, Faithful, Monochrome, User Defined (x3)
Colour Space	sRGB and Adobe RGB
Image Processing	Highlight Tone Priority Auto Lighting Optimizer (4 settings) Long exposure noise reduction High ISO speed noise reduction (4 settings) Multi Shot Noise Reduction Auto Correction of Lens Peripheral illumination Chromatic aberration correction Resize to M, S1, S2 or S3 RAW image processing - during image Playback only Multiple exposure HDR images
Drive modes	Single, Continuous, Self timer (2s+remote, 10s +remote), Silent single shooting, Silent continous shooting
Continuous Shooting	Max. Approx. 4.5fps. (speed maintained for up to 1250 images (JPEG)[1][10] or 17 images (RAW) [2] (with UHS-I card) [10]
LIVE VIEW MODE	
Type	Electronic viewfinder with image sensor
Coverage	Approx. 100% (horizontally and vertically)
Frame Rate	30 fps
Focusing	Manual Focus (Magnify the image 5x or 10x at any point on screen) Autofocus: Quick mode, Live mode, Live Face detection mode
Metering	Real-time evaluative metering with image sensor. Active metering time can be changed
Display Options	Grid overlay (x3), Histogram, Aspect ratios, Electronic Level
FILE TYPE	
Still Image Type	JPEG: Fine, Normal (Exif 2.21 [Exif Print] compliant) / Design rule for Camera File system (2.0), RAW: RAW, M-RAW, S-RAW (14bit, Canon original RAW 2nd edition), Digital Print Order Format [DPOF] Version 1.1 compliant
RAW+JPEG simultaneous recording	Yes, any combination of RAW + JPEG, M-RAW + JPEG, S-RAW + JPEG possible.
Image Size	JPEG: (L) 5472x3648, (M) 3468x2432, (S1) 2736x1824, (S2) 1920x1280, (S3) 720x480 RAW: (RAW) 5472x3648, (M-RAW) 4104x2736, (S-RAW) 2736x1824
Movie Type	MOV (Video: H.264 Intra frame / inter frame, Sound: Linear PCM, recording level can be manually adjusted by user)
Movie Size	1920 x 1080 (29.97, 25, 23.976 fps) intra or inter frame 1280 x 720 (59.94, 50 fps) intra or inter frame 640 x 480 (59.94, 50 fps) inter frame
Movie Length	Max duration 29min 59sec
Folders	New folders can be manually created and selected
File Numbering	(1) Consecutive numbering (2) Auto reset (3) Manual reset
OTHER FEATURES	
Custom Functions	21 Custom Functions
Metadata Tag	User copyright information (can be set in camera). Image rating (0-5 stars), GPS coordinates.
LCD Panel / Illumination	Yes / Yes
Water/ Dust resistance	Yes (equal to EOS-1N)
Sound Memo	No
Intelligent Orientation Sensor	Yes
Playback zoom	1.5x - 10x
Display Formats	(1) Single image with information (2 levels) (2) Single image (3) 4 image index (4) 9 image index (5) Jump Display
Slide Show	Image selection: All images, by Date, by Folder, Movies, Stills, Rating. Playback time: 1/2/3/5/10 or 20 seconds. Repeat: On/Off
Histogram	Brightness: Yes. RGB: Yes
Highlight Alert	Yes

OTHER FEATURES	
Image Erase/Protection	Erase: Single image, All images in folder, Checkmarked images, unprotected images Protection: Erase protection of one image at a time
Menu Categories	(1) Shooting menu (x6) (2) Playback menu (x3) (3) Setup menu (x4) (4) Custom Functions menu (5) My Menu
Menu Languages	25 Languages English, German, French, Dutch, Danish, Portuguese, Finnish, Italian, Norwegian, Swedish, Spanish, Greek, Russian, Polish, Czech, Hungarian, Romanian, Ukrainian, Turkish, Arabic, Thai, Simplified Chinese, Traditional Chinese, Korean and Japanese
Firmware Update	Update possible by the user.
INTERFACE	
Computer	Hi-Speed USB
Other	HDMI mini output, Video output (PAL/ NTSC), External microphone (Stereo mini jack)
DIRECT PRINT	
Canon Printers	Canon Compact Photo Printers and PIXMA Printers supporting PictBridge
PictBridge	Yes, PictBridge compliant (USB and Wireless LAN)
STORAGE	
Type	SD, SDHC or SDXC (UHS-I)card
SUPPORTED OPERATING SYSTEM	
PC & Macintosh	Windows XP inc SP3 / Vista inc SP1 and SP2 (excl. Starter Edition) / 7 (excl. Starter Edition) OS X v10.6-10.7 (Intel processor required)
SOFTWARE	
Browsing & Printing	ImageBrowser EX
Image Processing	Digital Photo Professional
Other	PhotoStitch, EOS Utility inc. Remote Capture, Picture Style Editor
POWER SOURCE	
Batteries	Rechargeable Li-ion Battery LP-E6 (supplied)
Battery life	Approx. 1090 (at 23ºC, AE 50%, FE 50%) [5] Approx. 980 (at 0ºC, AE 50%, FE 50%)
Battery Indicator	6 levels + percentage
Power saving	Power turns off after 1, 2, 4, 8, 15 or 30mins.
Power Supply & Battery Chargers	AC Adapter Kit ACK-E6, Battery charger LC-E6, Car Battery charger CBC-E6
PHYSICAL SPECIFICATIONS	
Body Materials	Magnesium Alloy front and rear body covers. Polycarbonate top cover
Operating Environment	0 – 40 ºC, 85% or less humidity
Dimensions (WxHxD)	144.5 x 110.5 x 71.2
Weight (body only)	Approx. 755g (CIPA testing standard, including battery and memory card)
ACCESSORIES	
Viewfinder	Eyecup Eb, E-series Dioptric Adjustment Lens with Rubber Frame Eb, Eyepiece Extender EP-EX15, Focusing Screens Eg (with Grid Eg-D, Super Precision Matte Eg-S), Angle Finder C
Wireless File Transmitter	Built in
Lenses	All EF lenses
Flash	Canon Speedlites (90EX, 220EX, 270EX, 270EX II, 320EX, 420EX, 430EX, 430EX II, 550EX, 580EX, 580EX II, 600EX, 600EX-RT, Macro-Ring-Lite, MR-14EX, Macro Twin Lite MT-24EX, Speedlite Transmitter ST-E2, Speedlite Transmitter ST-E3-RT)
Battery Grip	BG-E13
Remote Controller/ Switch	Remote control with N3 type contact, Wireless Controller LC-5, Remote Controller RC-6
Other	Hand Strap E2, GP-E2

All data is based on Canon standard testing methods except where indicated. Subject to change without notice.

1. Large/Fine(Quality 8) resolution
2. Based on Canon's testing conditions, JPEG, ISO 100, Standard Picture Style. Varies depending on the subject, memory card brand and capacity, image recording quality, ISO speed, drive mode, Picture Style, Custom functions etc.
3. Compatible with large memory card capacities, including cards of 2GB and more (camera may require firmware update).
4. with 50mm lens at infinity, -1m^{-1} dpt
5. Based on the CIPA Standard and using the batteries and memory card format supplied with the camera, except where indicated
6. Memory card and battery door only
7. with EF300mm f/2.8L IS USM at 50kph
8. Recommended Exposure Index
9. Environmental protection
10. Maximum fps and buffer capacity may be reduced depending on the cameras settings and light level
11. Peripheral Cross type AF points will not function as a cross type AF points with the following lenses: EF 35-80mm f/4-5.6 (II/III/USM), EF35-105mm f/4.5-5.6 (USM). EF 80-200mm f/4.5-5.6 (II)
12. With Battery strength 75% or higher

All brochure photography taken by Canon Ambassadors Thorsten Milse and Richard Walch with the help of Charlie Pinder.

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